



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,927	12/03/2003	Armen Grigorian	P08122US00/DEJ	4478

881 7590 10/21/2005

STITES & HARBISON PLLC  
1199 NORTH FAIRFAX STREET  
SUITE 900  
ALEXANDRIA, VA 22314

EXAMINER

CORRIELUS, JEAN M

ART UNIT PAPER NUMBER

2162

DATE MAILED: 10/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/725,927

Applicant(s)

GRIGORIAN, ARMEN

Examiner

Jean M. Corrielus

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 July 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. This office action is in response to the election of the restriction requirements filed on July 27, 2005, in which claims 1-8 are presented for examination.

#### *Response to Arguments*

2. Applicant's arguments with respect to the restriction requirements filed July 19, 2005 have been considered. The restriction requirement was an error. It has, therefore, been withdrawn.

#### *Information Disclosure Statement*

2. The information disclosure statement (IDS) filed on March 8 2004 complies with the provisions of M.P.E.P 609. It has been placed in the application file. The information referred to therein has been considered as to the merits.

#### *Drawings*

3. Applicants are required to furnish the formal drawings in response to this office action if the formal drawings have not been submitted. No new matter may be introduced in the required drawings. Failure to timely submit a drawing will result in ABANDONMENT of the application.

*Claim Rejections - 35 USC § 103*

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilson et al., (hereinafter "Wilson") US Patent no. 6,460,031 and Kaplan et al., (hereinafter "Kaplan") US Patent no. 5,426,781.

As to claim 1, Wilson discloses the claimed "data processing means for receiving and processing data" (central processor (102)); "data input means for use by a user to input data for transmission to said data processing means" (input, keyboard and pointing device (106, 108 and 110)); "a visual display for displaying data by said data processing means" (col.4, line 33); "wherein said data processing means is operable: to display data indicative of a plurality of sets of data or databases" (col.4, lines 33-39); "to receive data from data input means indicative of a selection from said sets of data or databases" (col.4, lines 45-48); "to respond to the receipt of said selection from said sets of data or databases by immediately displaying data indicative of categories of data contained in said selection from said sets of data or databases" (col.6, lines 20-28); "to receive data from data input means indicative of a selection from said categories of said data" (col.6, lines 46-55).

However, Wilson does not explicitly disclose the claimed features "to respond to the receipt of said selection from said categories by immediately displaying data indicative of said selection of categories in the form of at least one control screen having, for each of said

Art Unit: 2162

categories, a position menu for controlling a position in said report to be occupied by said respective category of data and a sorting menu for controlling a sorting priority to be assigned to said respective category of data”; and “wherein said system is thereby controllable by said user to generate a report on the basis of a respective setting assigned to each of said respective position and to each of said respective sorting menus by said user”.

On the other hand, Kaplan discloses the claimed features “to receive data from data input means indicative of a selection from said sets of data or databases” (col.3, lines 61-67; col.5, lines 16-30); “to respond to the receipt of said selection from said sets of data or databases by immediately displaying data indicative of categories of data contained in said selection from said sets of data or databases” (col.6, lines 20-28; col.5, lines 33-42); “to receive data from data input means indicative of a selection from said categories of said data” (col.5, lines 45-55); “to respond to the receipt of said selection from said categories by immediately displaying data indicative of said selection of categories in the form of at least one control screen having, for each of said categories, a position menu for controlling a position in said report to be occupied by said respective category of data and a sorting menu for controlling a sorting priority to be assigned to said respective category of data” (col.5, lines 18-40; col.6, lines 37-44); and “wherein said system is thereby controllable by said user to generate a report on the basis of a respective setting assigned to each of said respective position and to each of said respective sorting menus by said user” (col.5, lines 5-15; col.4, lines 45-50).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of the cited references. One having ordinary skill in the art would have found it motivated to incorporate the computer report based

Art Unit: 2162

interactive system of Kaplan into the method of creating a report from a database system of Wilson for the purpose of allowing user to generate queries without requiring knowledge of query languages.

As to claim 2, Kaplan discloses the claimed “wherein, for each of said categories, said position menu includes an option indicating the non-display of said respective category of data and said sorting menu includes an option indicating that sorting should not proceed on the basis of said respective category whether or not said respective category is to be displayed” (col.3, lines 27-40; col.4, lines 53-60).

As to claim 3, Wilson discloses the claimed “wherein said control screen further includes, for each of said categories, a data processing menu for controlling a manner in which the content of a respective category of data should be processed” (col.4, lines 32-47).

As to claim 4, Wilson discloses the claimed “wherein said data processing menu includes one or more options selected from the group comprising: averaging, totaling, extracting a maximum value, and extracting a minimum value” (col.6, lines 20-40).

As to claim 5:

Claim 5 is a method claim for performing the system of claim 1. It is, therefore, rejected under the same rationale.

Art Unit: 2162

As to claims 6-8:

Claims 6-7 are computer program product for executing the method of claim 5. They are, therefore, rejected under the same rationale.

As to claim 8:

Claim 8 is a computer readable medium for executing the method of claim 5. It is, therefore, rejected under the same rationale.

### ***Conclusion***


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean M. Corrielus whose telephone number is (571) 272-4032. The examiner can normally be reached on 10 hours shift.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2162

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jean M. Corrielus  
Primary Examiner  
Art Unit 2162

October 14, 2005